

**River Channel Changes:**

CALFED Recommended Level of Funding: \$9,624,010

Total Funds Obligated Through December 31, 1998: \$9,624,010

Total Funds Expended Through December 31, 1998: \$242,800

1) **Project Title:** Liberty Island Acquisition

CALFED Recommended Level of Funding: \$8,577,000

Total Funds Obligated Through December 31, 1998: \$8,577,000

Total Funds Expended Through December 31, 1998: \$0

**Funding provided to:** U.S. Fish and Wildlife Service

**Project Description:** Acquisition of Liberty Island (4,760 acres) for future restoration of native Delta habitats and species. Strategic location in north Delta at southern end of Yolo Bypass provides potential wetlands, shaded riverine aquatic habitat, instream habitat for winter run, Delta smelt, splittail, and other species. Funding will cover full acquisition cost. Restoration funding not identified.

Expected Project Completion Date: February 1999 (*to be extended to October 31, 1999 pending CALFED agreement.*)

**First Quarter Accomplishments:**

The Fish and Wildlife Service agreed to purchase this property on July 20, 1998. The agreement is contingent upon completion of the NEPA process which Fish and Wildlife Service is preparing. Fish and Wildlife Service is still on target for a project completion of October 31, 1999.

2) **Project Title:** Sedimentation Movement and, Availability and Monitoring in the Delta

CALFED Recommended Level of Funding: \$1,047,010

Total Funds Obligated Through December 31, 1998: \$1,047,010

Total Funds Expended Through December 31, 1998: \$242,800

**Funding provided to:** U.S. Geological Survey

**Project Description:** The objective of this study involves the analysis of sediment movement in the Delta, both suspended load, and bedload. This analysis is necessary in order to determine the availability, quantity, and movement of sediment through the Delta. This study will assist water managers in the evaluation of levee projects, ecosystem restoration efforts, and water quality impacts from contaminated sediment. The project includes the installation of monitoring equipment, collection of data, and development of a final report.

Expected Project Completion Date: September 30, 2000

**First Quarter Accomplishments:**

Continued cleaning of suspended-solids sensors and water sample collection at the Bay and Delta study sites (approximately every 3-4 weeks). On November 4th, U.S. Geological Survey and the U.S. Army Corps of Engineers personnel met with the San Francisco Estuary Institute to discuss the project and the Regional Monitoring Program. The first wet season pulses from the Central Valley watershed occurred during the quarter. Initial review of the data indicates that two sediment pulses passed the Freeport, CA area during higher flows in late November and early December. Sedimentation monitoring continues.

In addition to the above activities, U.S. Geological Survey personnel began working on modifying the methods description for suspended load measurements related to the Delta Sedimentation Project.